

## METHOD AND APPARATUS FOR PROVIDING A DSG TO AN OOB TRANSCODER

### ABSTRACT

The present invention is a method and apparatus for providing a DSG to OOB transcoder in a cable television system comprising a legacy set-top device 102. In the first embodiment, a one-way DSG to OOB transcoder 202 acts as a proxy device for OOB messages to the DSG tunnel 128. Once an OOB message is generated, the OOB message is transmitted to the DSG tunnel 128. The DSG to OOB transcoder 202 of the present invention then captures the OOB message, and communicates the OOB message to the legacy set-top device 102. In a second embodiment of the invention, the legacy set-top device 102 may communicate return communications to the DSG to OOB transcoder 402 by generating a QPSK message. The QPSK message is then translated to an OOB message comprising DOCSIS content.